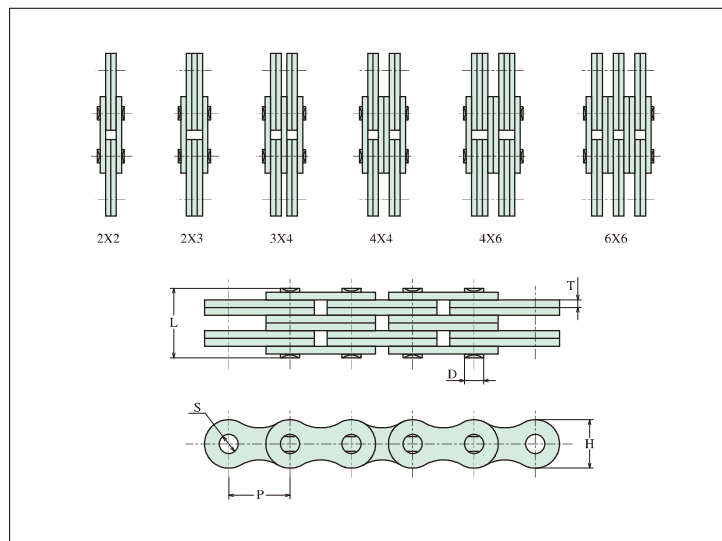


Leaf Chains



Leaf chains are well suited for any application requiring flexible, high strength linkage for reciprocating motion or lift at relatively low speed. For their low cost and long life, widely used for lift trucks, masts and other lifting as construction and mining machines and excellent as balance and counterweights of machine tools and so forth.

CONSTRUCTION AND LACING COMBINATIONS

Built of interlaced plates held together by riveted pins. The chain nomenclature indicates the lacing combinations.

AL SERIES (LIGHT DUTY)

Consisting of link plates of the same contour and thickness as the pin link plates of ANSI roller chains in same pitch. Mainly used for relatively constant, low, medium load with less shock.

Chain No.	Lacing	Dimensions - mm						Average Ultimate Strength	Maximum Allowable Load	Weight
		Pitch	Pin		Plate		Hole Dia			
			Dia.	Length	Height	Thickness				
AL422	2×2	12.70	3.96	8.4	10.3	1.5	4.03	18.6	1.86	0.36
AL444	4×4			14.6				37.3	3.43	0.70
AL466	6×6			21.2				55.9	3.92	1.04
AL522	2×2	15.875	5.08	10.5	12.7	2.0	5.15	30.4	3.04	0.58
AL544	4×4			19.0				60.8	5.30	1.16
AL566	6×6			27.6				94.1	6.28	1.73
AL622	2×2	19.05	5.95	12.4	15.2	2.4	6.04	43.1	4.41	0.81
AL644	4×4			22.2				86.3	7.45	1.68
AL666	6×6			32.6				129	8.73	2.46
AL822	2×2	25.40	7.93	16.6	20.2	3.2	8.00	72.6	7.35	1.42
AL844	4×4			29.4				145	13.2	2.88
AL866	6×6			43.0				218	15.4	4.23
AL1022	2×2	31.75	9.53	19.6	24.5	4.0	9.59	108	11.6	2.46
AL1044	4×4			36.2				216	20.6	4.81
AL1066	6×6			53.5				324	24.0	7.24
AL1222	2×2	38.10	11.10	24.0	29.2	4.8	11.22	152	16.5	3.35
AL1244	4×4			43.7				304	29.1	6.58
AL1266	6×6			63.4				456	34.2	9.82
AL1422	2×2	44.45	12.70	27.8	34.2	5.6	12.82	205	22.1	4.99
AL1444	4×4			51.2				410	38.9	9.56
AL1466	6×6			73.6				615	46.1	14.13
AL1622	2×2	50.80	14.28	31.8	40.3	6.4	14.47	269	28.3	6.35
AL1644	4×4			58.4				539	49.9	12.62
AL1666	6×6			84.8				809	58.8	18.87

BL SERIES (HEAVY DUTY)

Consisting of link plates with next large size pitch chain of ANSI roller chains. Chiefly used for medium load with greater shock.

Chain No.	Lacing	Dimensions - mm						Average Ultimate Strength	Maximum Allowable Load	Weight
		Pitch	Pin		Plate		Hole Dia			
			Dia.	Length	Height	Thickness				
		P	D	L	H	T	S	kN	kN	kg/m
BL422	2×2	12.70	5.08	10.5	11.7	2.0	5.15	27.5	4.51	0.64
BL423	2×3			12.5				27.5	4.51	0.79
BL434	3×4			16.8				40.7	5.30	1.07
BL444	4×4			19.0				54.4	5.98	1.22
BL446	4×6			23.0				54.4	5.98	1.58
BL466	6×6			27.5				82.5	9.81	1.89
BL522	2×2	15.875	5.95	12.4	14.6	2.4	6.04	42.7	6.86	1.01
BL523	2×3			15.0				42.7	6.86	1.19
BL534	3×4			20.0				64.0	8.33	1.61
BL544	4×4			22.2				85.3	9.41	1.80
BL546	4×6			27.6				85.3	9.41	2.26
BL566	6×6			32.4				127	15.7	2.65
BL622	2×2	19.05	7.93	16.6	17.5	3.2	8.00	70.6	9.81	1.53
BL623	2×3			19.5				70.6	9.81	1.89
BL634	3×4			26.2				106	12.3	2.68
BL644	4×4			29.2				141	13.7	3.04
BL646	4×6			36.5				141	13.7	4.15
BL666	6×6			43.0				212	24.5	4.58
BL822	2×2	25.40	9.53	19.6	23.4	4.0	9.59	114	17.0	2.57
BL823	2×3			23.8				114	17.0	3.17
BL834	3×4			32.5				172	20.6	4.37
BL844	4×4			36.2				228	23.5	4.95
BL846	4×6			45.0				228	23.5	6.23
BL866	6×6			53.5				342	40.2	7.44
BL1022	2×2	31.75	11.10	24.0	29.3	4.8	11.20	157	26.0	3.73
BL1023	2×3			28.6				157	26.0	4.64
BL1034	3×4			38.7				245	31.4	6.50
BL1044	4×4			43.7				314	36.3	7.41
BL1046	4×6			53.4				314	36.3	9.21
BL1066	6×6			63.4				471	58.8	11.07
BL1222	2×2	38.10	12.70	27.8	35.1	5.6	12.82	207	36.8	4.77
BL1223	2×3			34.2				207	36.8	6.46
BL1234	3×4			45.5				332	44.1	9.05
BL1244	4×4			51.2				414	50.5	10.27
BL1246	4×6			62.6				414	50.5	11.86
BL1266	6×6			73.6				621	73.1	14.40
BL1422	2×2	44.45	14.28	31.8	40.9	6.4	14.39	270	49.0	7.87
BL1423	2×3			38.8				270	49.0	8.90
BL1434	3×4			51.7				405	58.8	11.61
BL1444	4×4			58.4				539	67.7	12.87
BL1446	4×6			71.2				539	67.7	17.86
BL1466	6×6			84.8				810	95.1	22.33
BL1622	2×2	50.80	17.45	35.8	46.7	7.2	17.62	392	58.8	9.77
BL1623	2×3			43.7				392	58.8	12.08
BL1634	3×4			58.9				618	70.6	16.85
BL1644	4×4			65.9				785	80.4	18.85
BL1646	4×6			80.2				785	80.4	23.94
BL1666	6×6			96.2				1176	137.3	28.54

LL SERIES

Consisting of link plates of the same contour and thickness as the pin link plates of BS roller chains in same pitch.

Chain No.	Lacing	Dimensions - mm						Minimum Ultimate Strength	Weight
		Pitch	Pin		Plate		Hole Dia		
			Dia.	Length	Height	Thickness			
LL0822	2×2			7.6				17.8	0.31
LL0844	4×4	12.70	4.45	13.0	10.9	1.25	4.46	31.1	0.60
LL0866	6×6			18.4				44.5	0.89
LL1022	2×2			9.3				22.2	0.48
LL1044	4×4	15.875	5.08	16.1	13.7	1.65	5.09	44.5	0.94
LL1066	6×6			22.9				66.7	1.40
LL1222	2×2			10.7				28.9	0.63
LL1244	4×4	19.05	5.72	18.5	16.1	1.80	5.73	57.8	1.22
LL1266	6×6			26.3				86.7	1.82
LL1622	2×2			50.1				58.0	1.48
LL1644	4×4	25.40	8.28	30.2	21.0	3.20	8.30	116	2.90
LL1666	6×6			43.2				174	4.31
LL2022	2×2			20.1				95.0	2.17
LL2044	4×4	31.75	10.19	35.1	26.4	3.50	10.21	190	4.24
LL2066	6×6			50.1				285	6.30
LL2422	2×2			28.4				170	4.02
LL2444	4×4	38.10	14.63	49.4	33.4	4.90	14.65	340	7.79
LL2466	6×6			70.4				510	11.55
LL2822	2×2			34.0				200	5.42
LL2844	4×4	44.45	15.90	60.0	37.0	6.3	15.92	400	10.56
LL2866	6×6			86.0				600	15.71
LL3222	2×2			35.0				260	5.92
LL3244	4×4	50.80	17.81	61.0	42.2	6.3	17.83	520	11.50
LL3266	6×6			87.0				780	17.06

ROLLER CHAINS

DOUBLE PITCH
ROLLER CHAINS

HOLLOW PIN CHAINS

CORROSION RESISTANT
ROLLER CHAINS

LEAF CHAINS

ATTACHMENT
CHAINS

TECHNICAL
INFORMATION